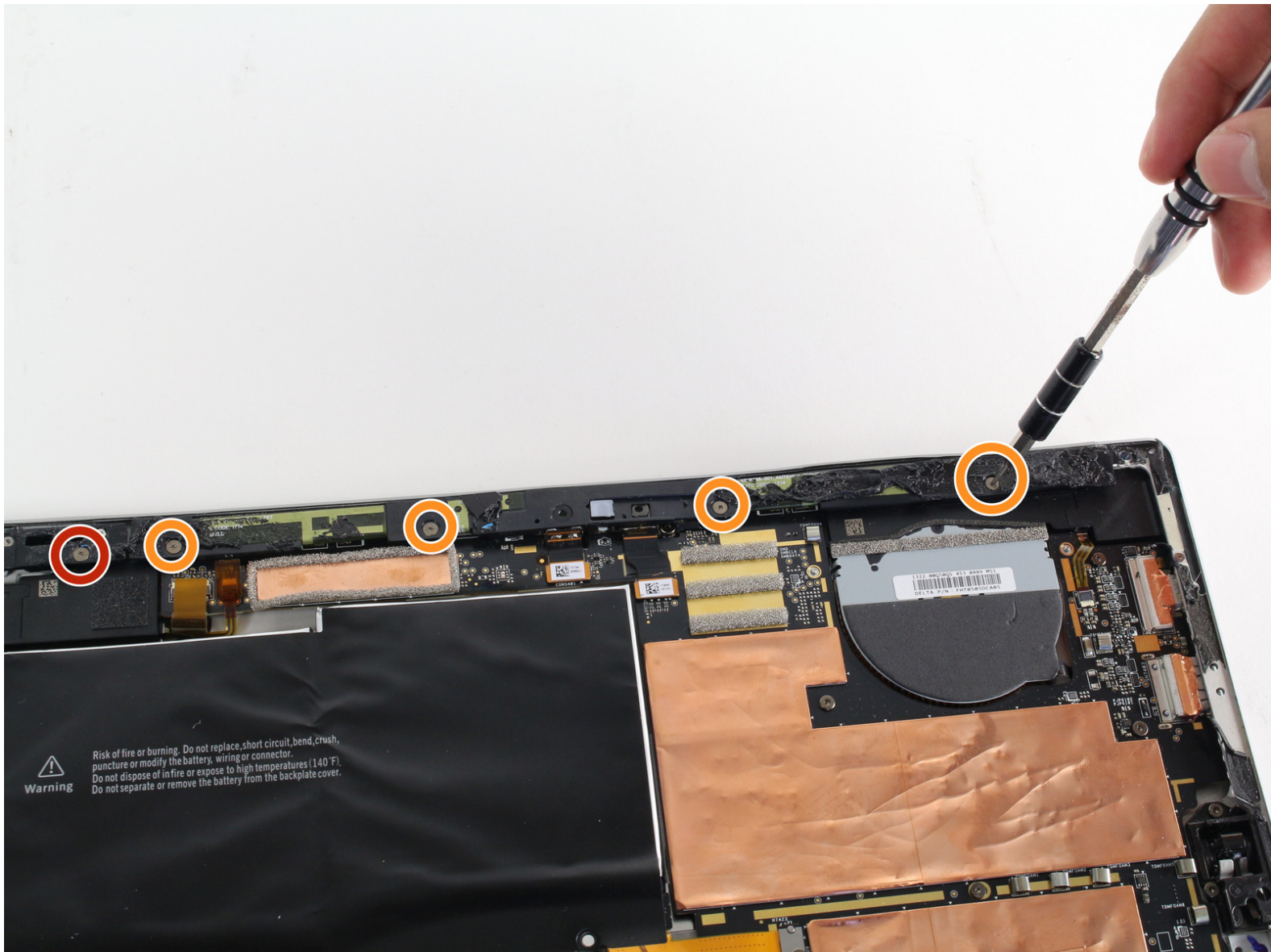




Microsoft Surface Pro 3 Rear Facing Camera Replacement

Follow this step by step guide to replace your Surface Pro 3 rear-facing camera.

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INTRODUCTION

This guide will teach you how to safely remove your rear camera from you Surface Pro 3. The guide starts by removing the screen and digitizer and then goes right into removing the rear-facing camera.



TOOLS:

- [T5 Torx Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [iOpener Kit](#) (1)
 - [T3 Torx Screwdriver](#) (1)
 - [iFixit Opening Picks set of 6](#) (1)
 - [Metal Spudger](#) (1)
 - [Plastic Cards](#) (1)
 - [Heat Gun](#) (1)
 - [iOpener](#) (1)
 - [Spudger](#) (1)
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Step 1 — Display




- Heat up one or multiple iOpeners in the microwave for 30 seconds.
- Place the hot iOpener(s) on the edges of the device to soften the glue securing the screen.

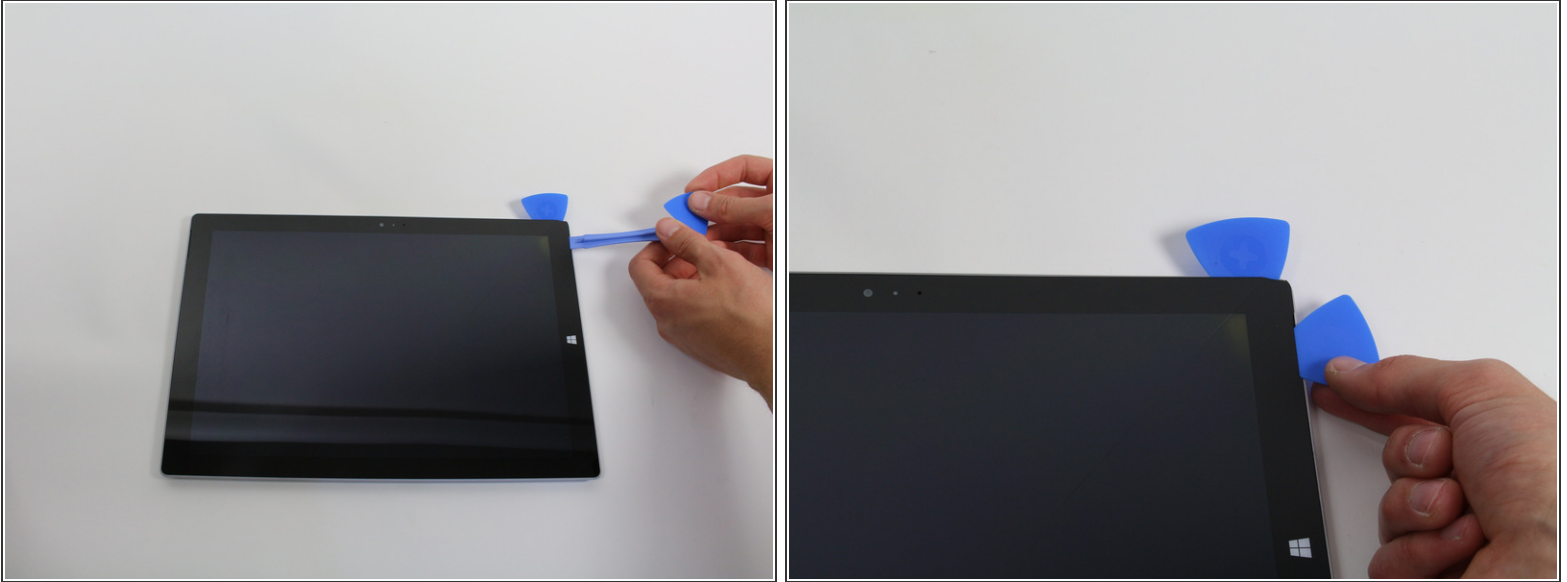
Step 2



- If the iOpeners are not working or you do not have any readily available, use a heat gun to melt the glue. In fact, this may be a better option than the iOpeners.

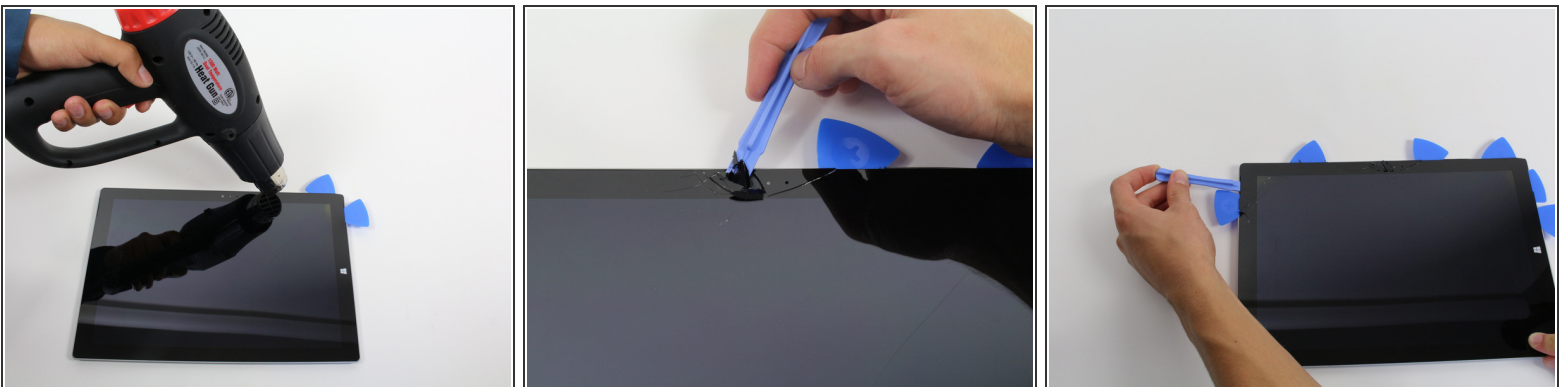
 Holding the heat gun on a single spot for too long can crack the screen or melt parts of the device.

Step 3



- Use a plastic opening tool to separate the screen from the device.
 - Start in the top right corner of the device for best results.
- Carefully insert opening picks between the screen and the device to prevent the glue from re-adhering.

Step 4

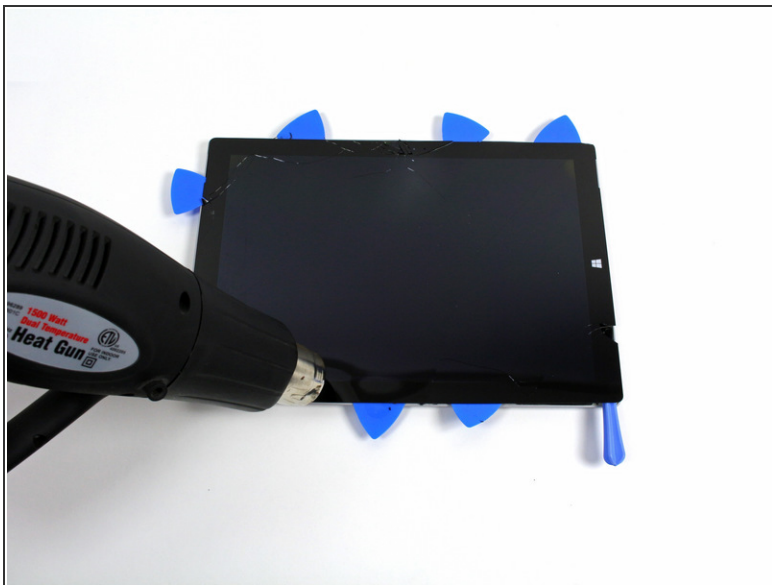


- Continue to heat sections of the screen with the heat gun.
- As you make your way around the screen with the heat gun, use the plastic opening tool and the opening picks to pry the screen loose.



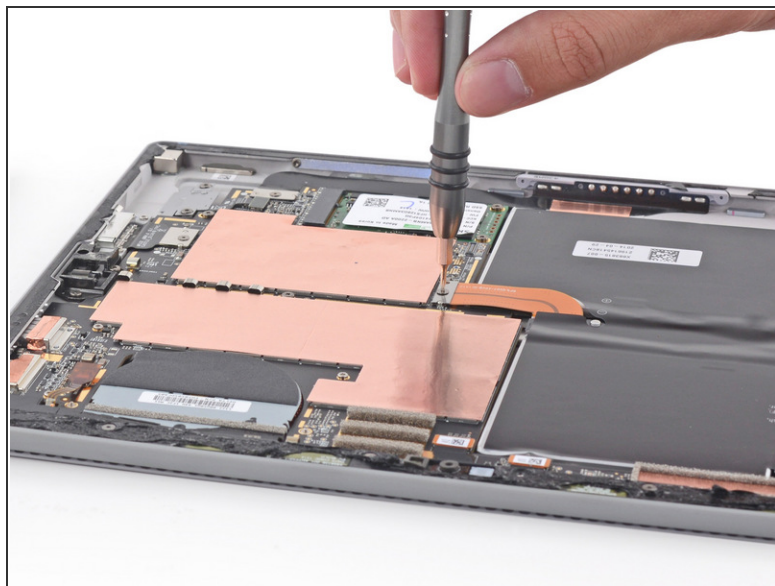
The screen is extremely thin and very easy to break. Be careful working with broken glass.

Step 5



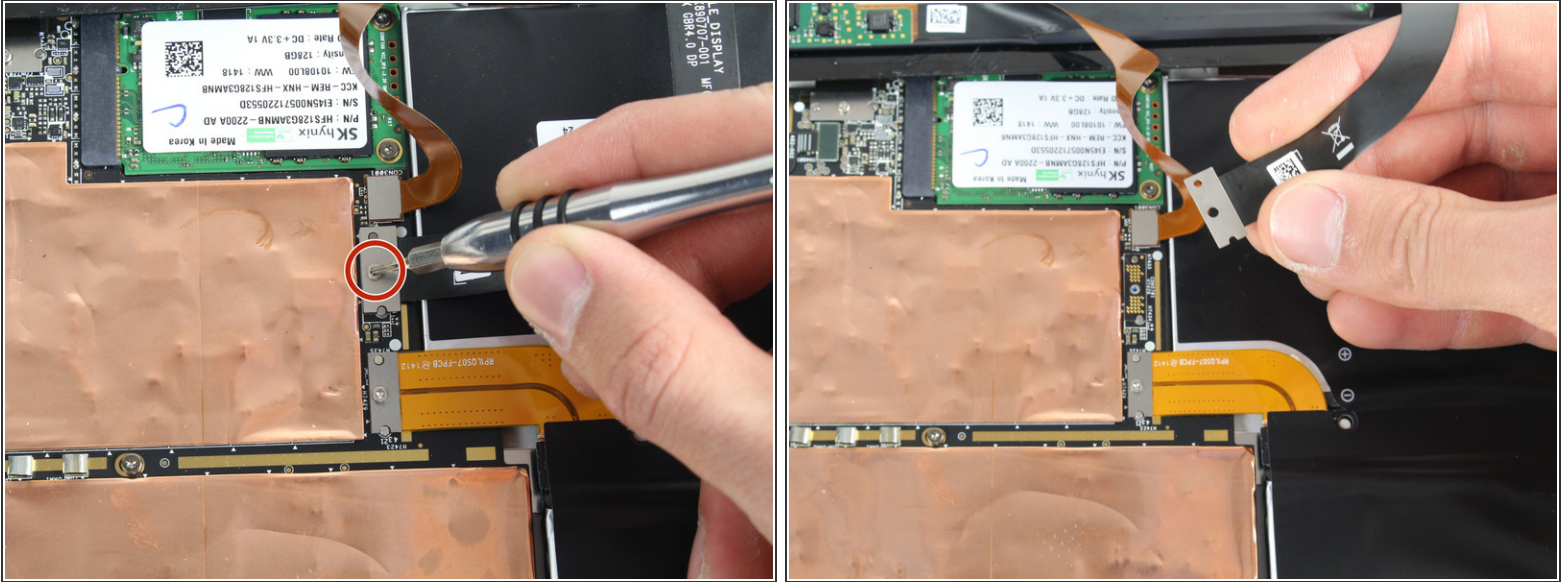
- Once you have placed iFixit Opening Picks around the entire screen, carefully pry the screen loose with the plastic opening tool.
- Lift the screen up carefully so that no wires are torn.

Step 6



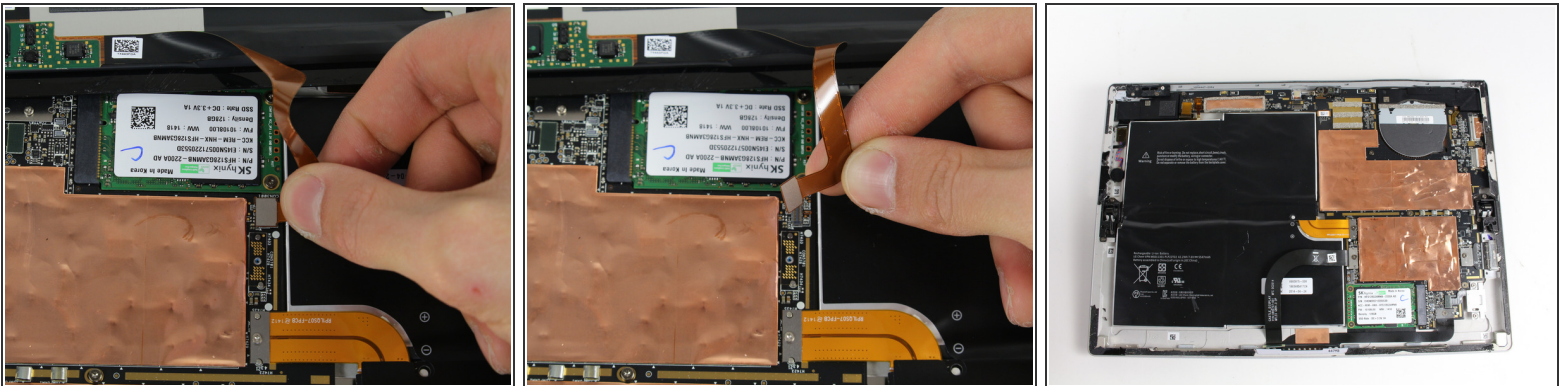
- Remove the 3 mm T3 Torx screw securing the battery connector, and disconnect the battery connector.

Step 7



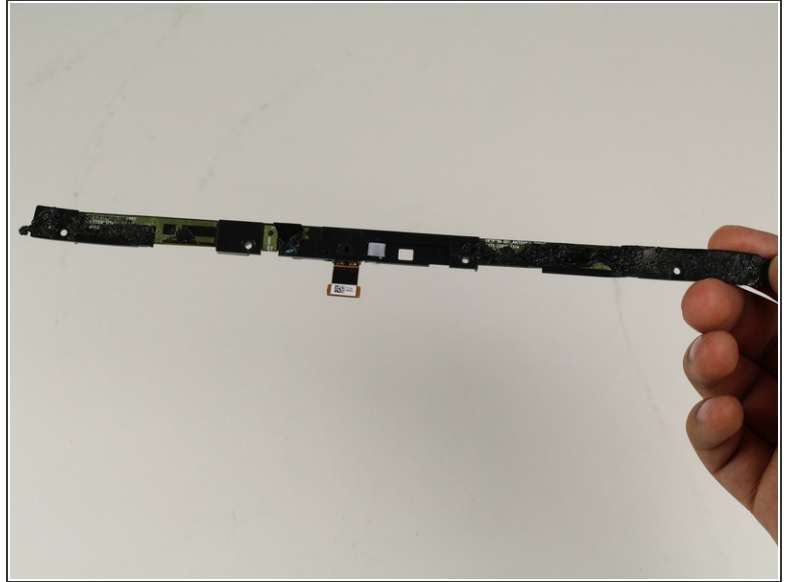
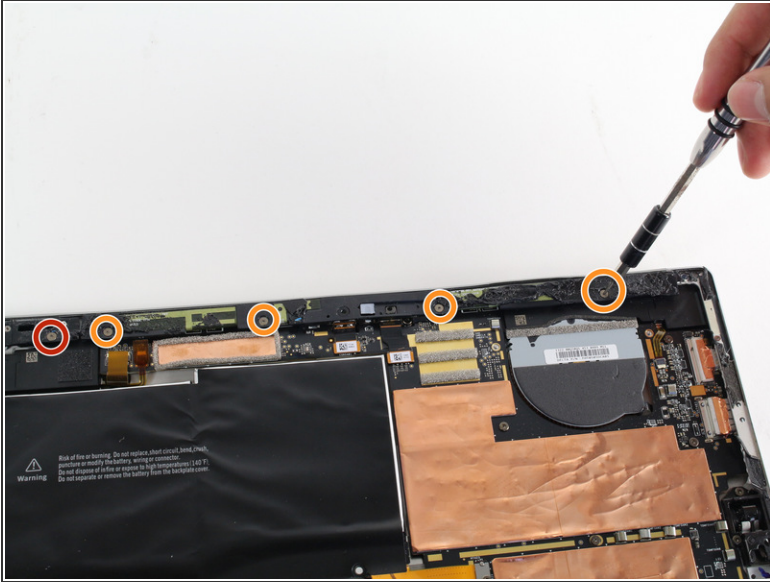
- Remove the single 4 mm T5 Torx screw securing the display cable.
- Lift the connector up from the device.

Step 8



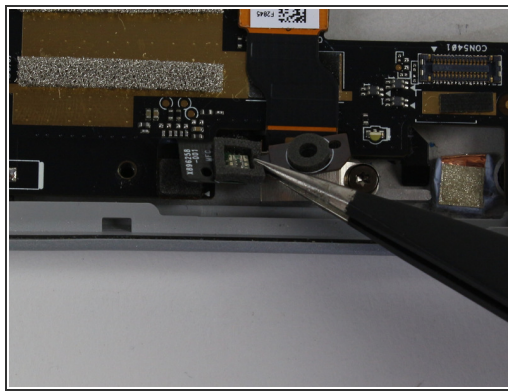
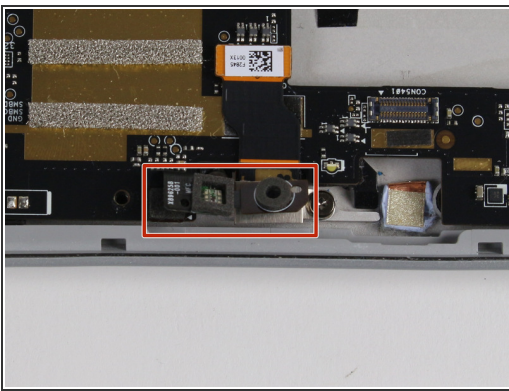
- Grasp the orange cable connected to the silver connector.
- Carefully lift the orange cable up until the connector pops off.
- The screen will now be completely disconnected.

Step 9 — Rear Facing Camera



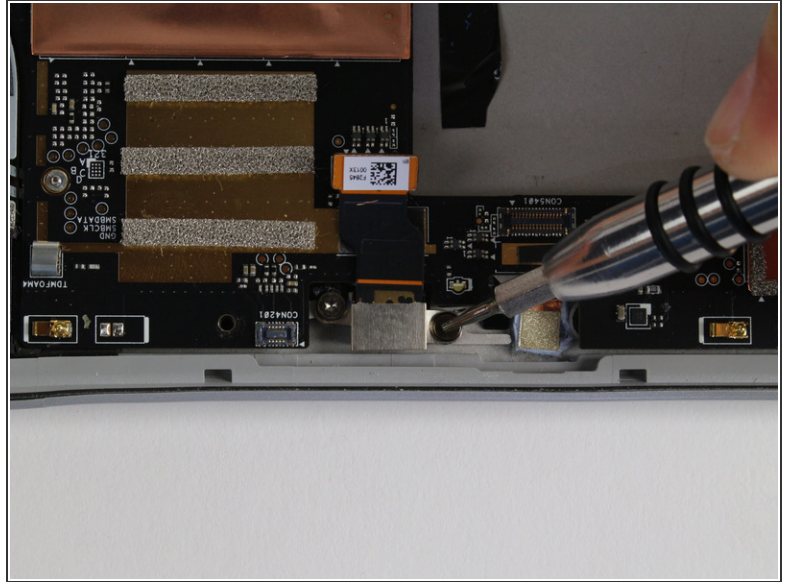
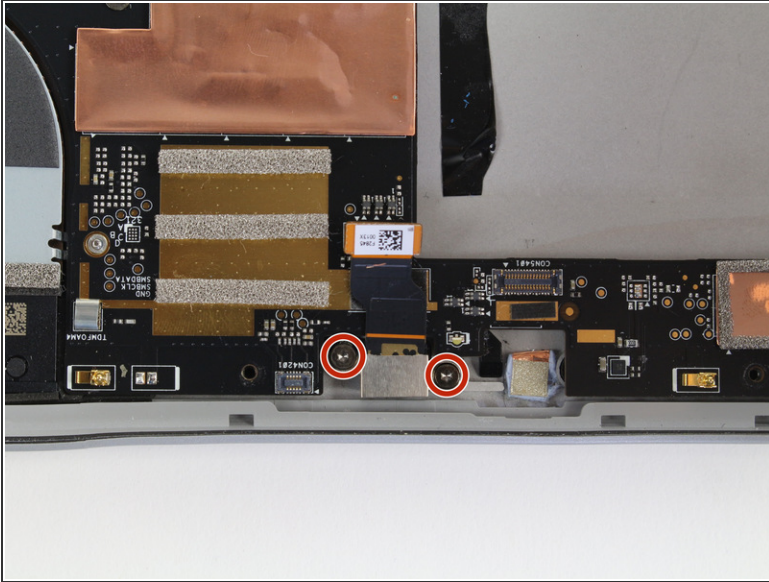
- Remove the 4mm screw with the T3 Torx Screwdriver.
- Remove the four 7mm screws with the T3 Torx Screwdriver.

Step 10



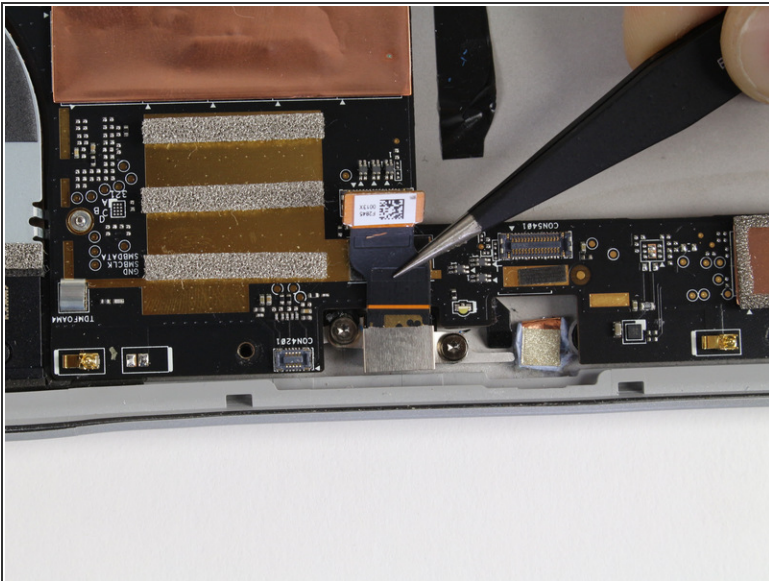
- Locate the black piece shown.
- Remove this piece by gently lifting it up with the tweezers until it pops off.

Step 11



- Remove the two 4mm screws with the T5 Torx Screwdriver.

Step 12



- Remove the rear camera with the tweezers.

To reassemble your device, follow these instructions in reverse order.

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